

Fig. 1,

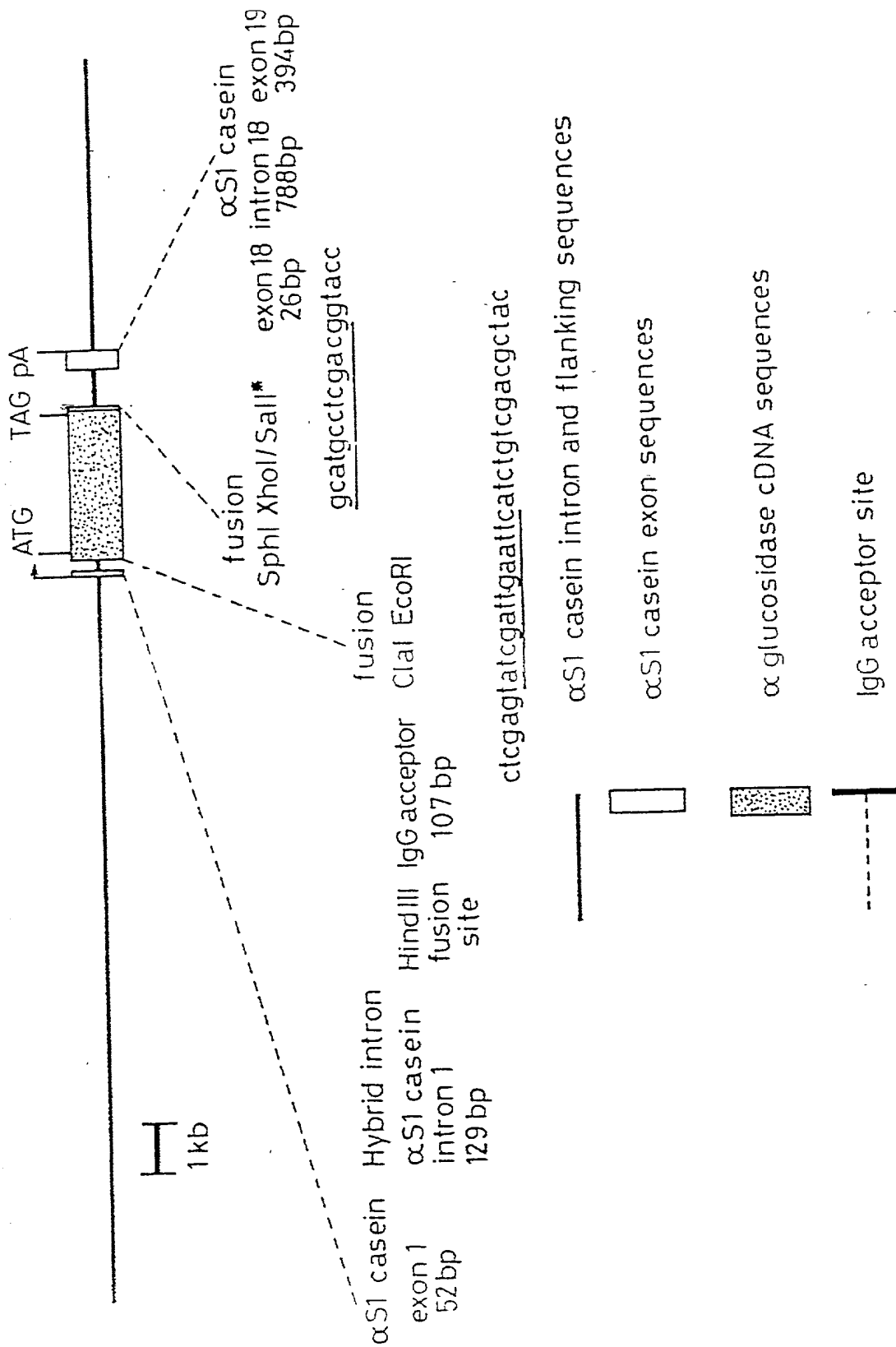


Fig. 2.A

$\alpha$ -glucosidase constructs

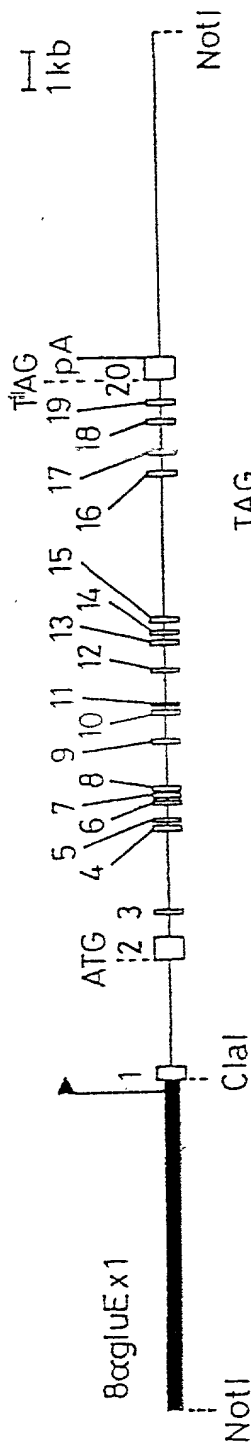


Fig. 2B.

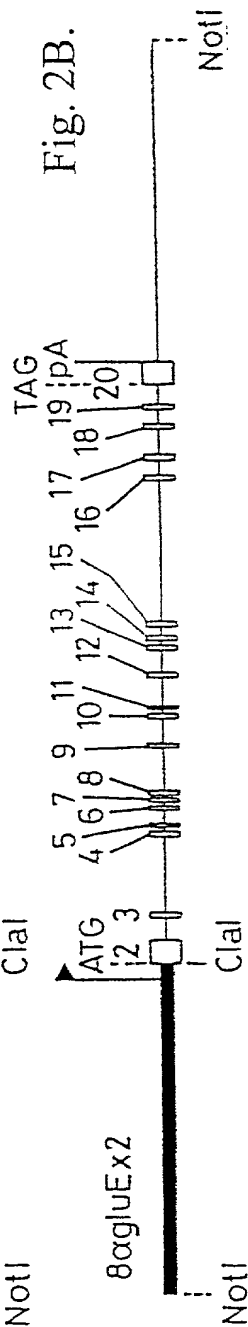
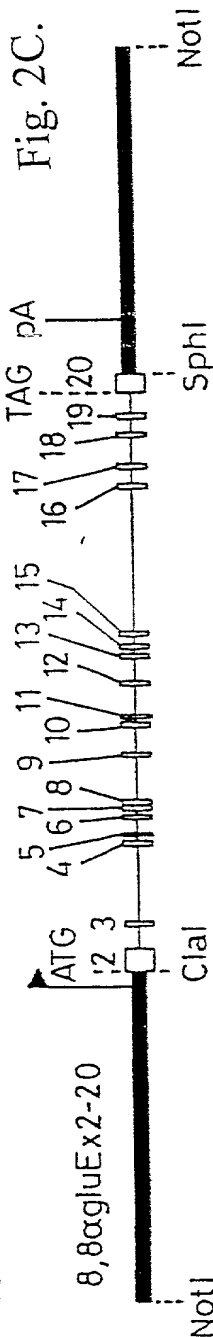


Fig. 2C.



Transcription Initiation site.

■  $\alpha_{51}$  casein sequence, promoter or 3' untranslated region.

2 3 The boxes represent the exons in the  $\alpha$ -glucosidase sequence, the thin line represents the intron sequences.

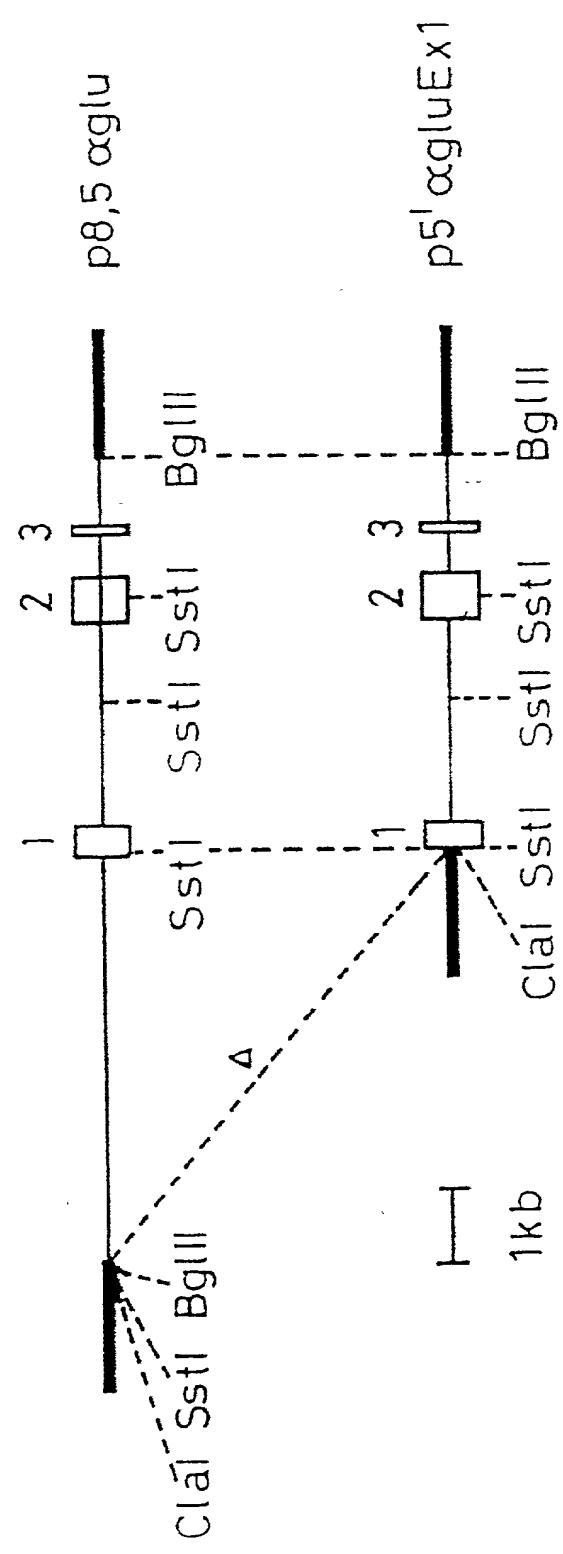
The numbers above the boxes are the exon numbers

pA = polyadenylation signal.

ATG = translation initiation site.

TAG = translation stop codon

Fig. 3A.



□ = exon  $\alpha$ -glu    — = intron  $\alpha$ -glu    — = pKUN vector sequence

Fig. 3B.

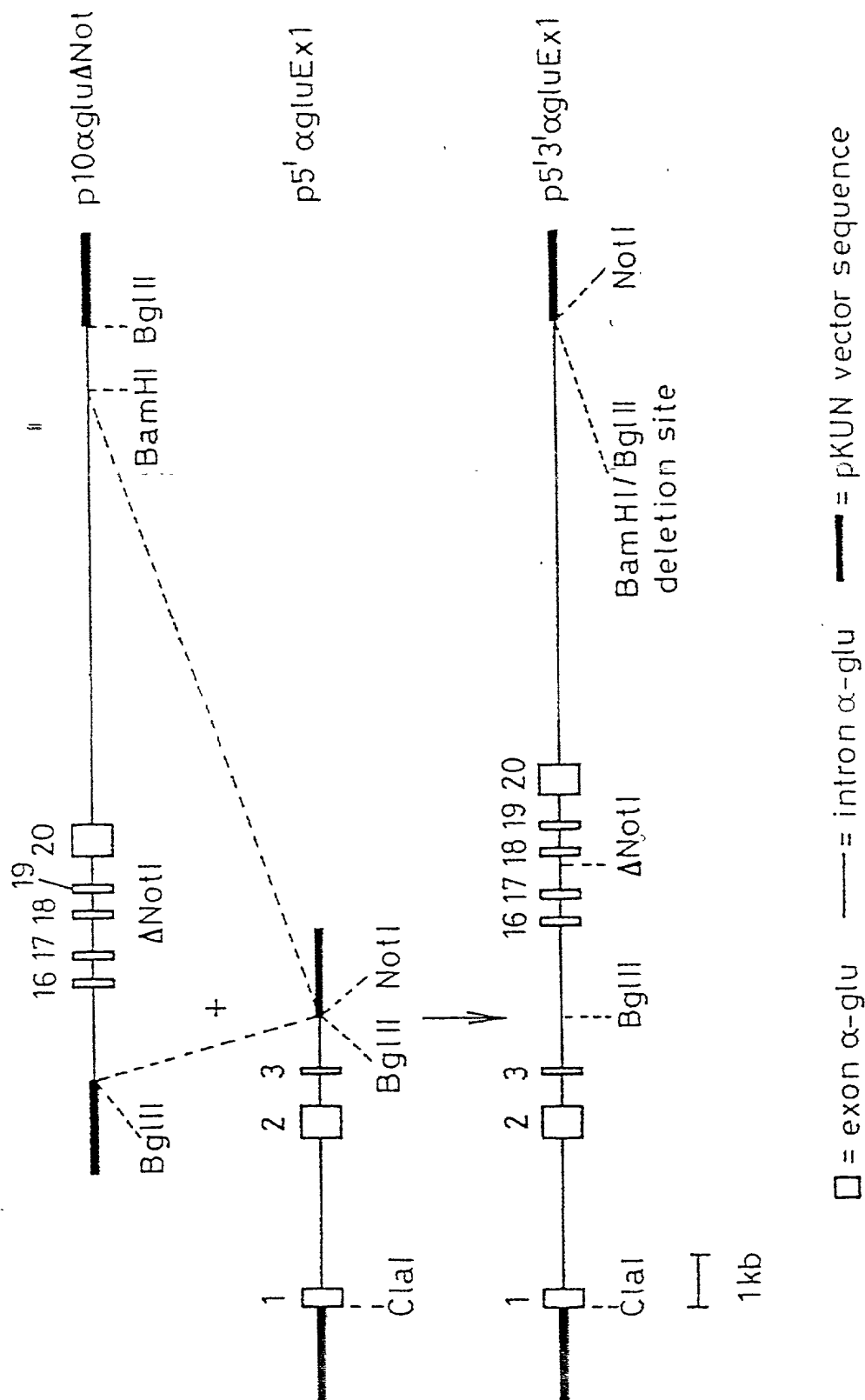
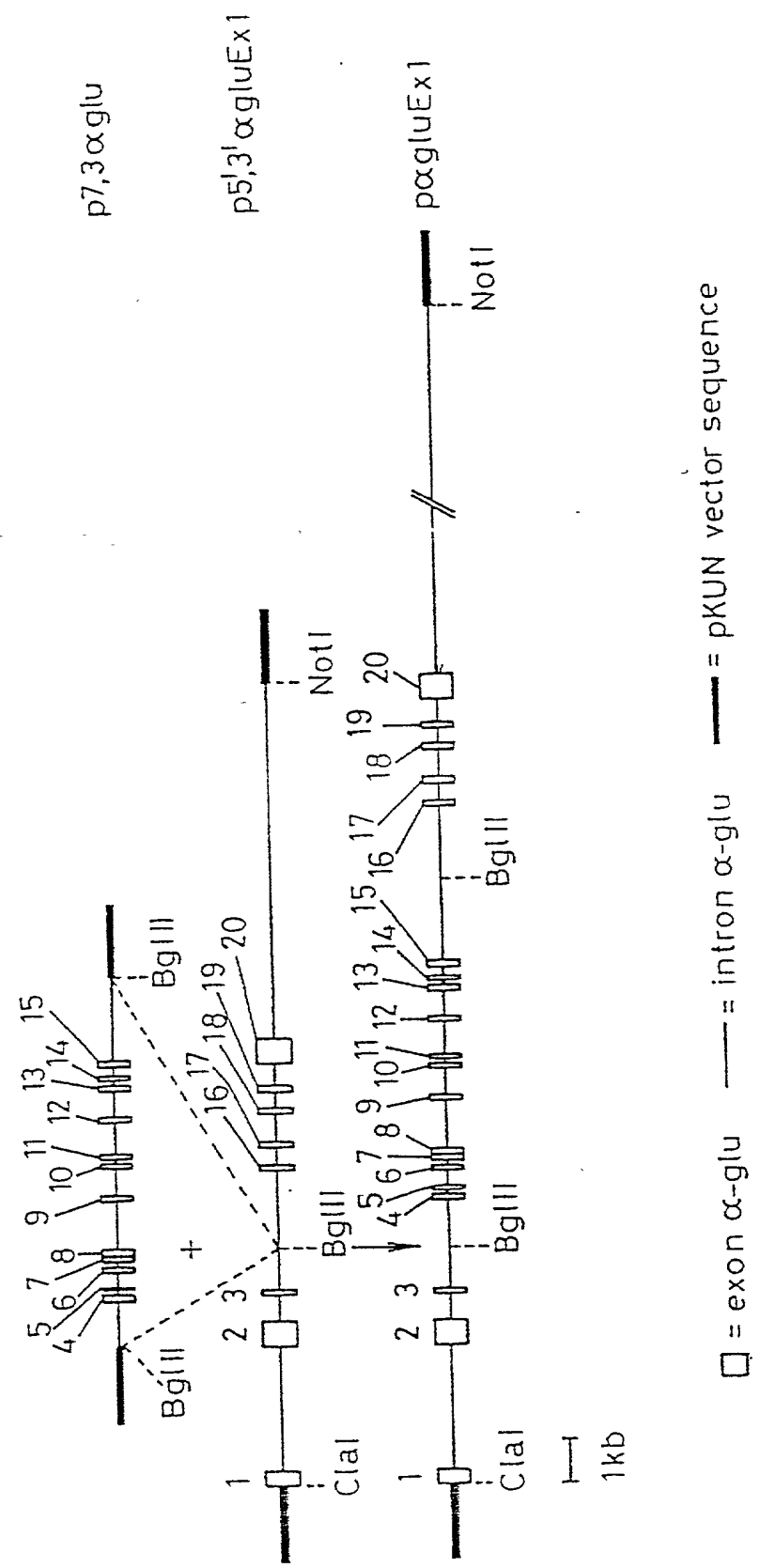


Fig. 3.C.



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Fig. 4. A.

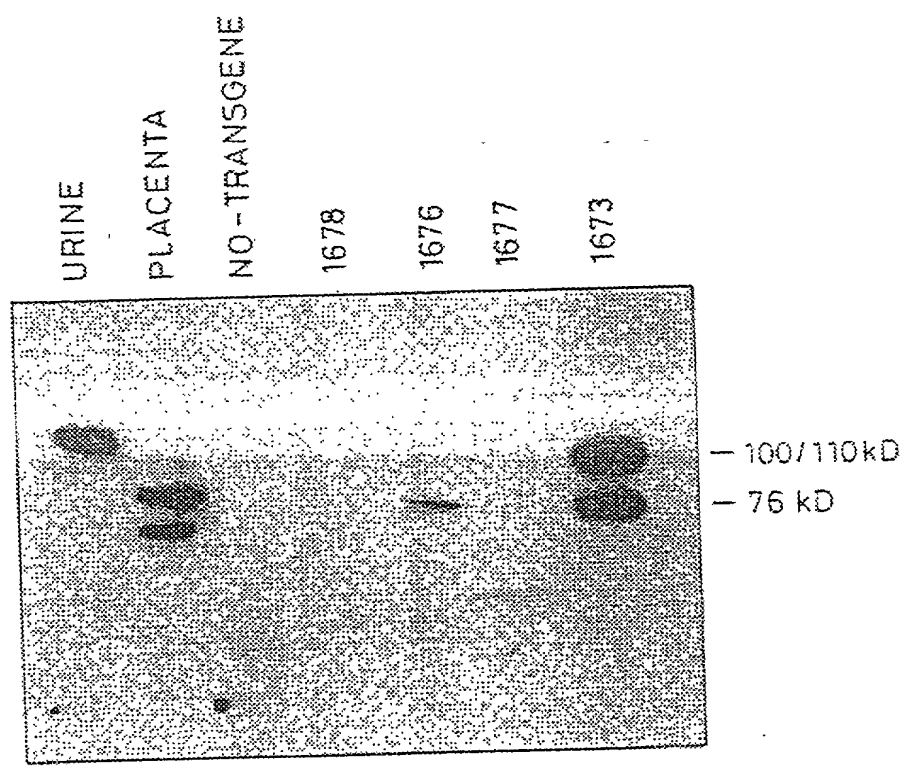


Fig. 4. B.

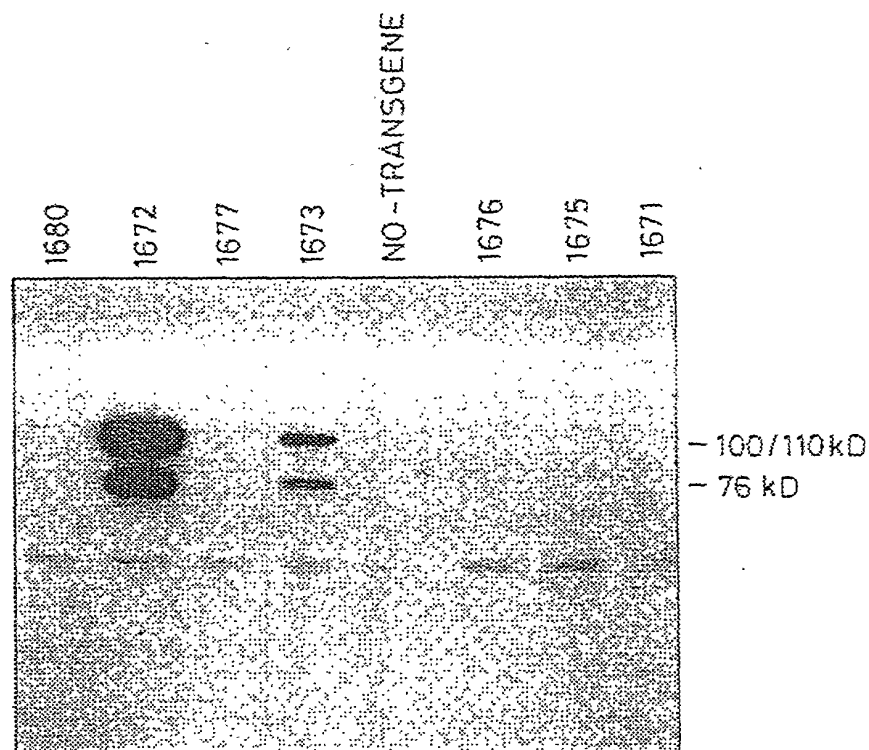


Fig. 5.

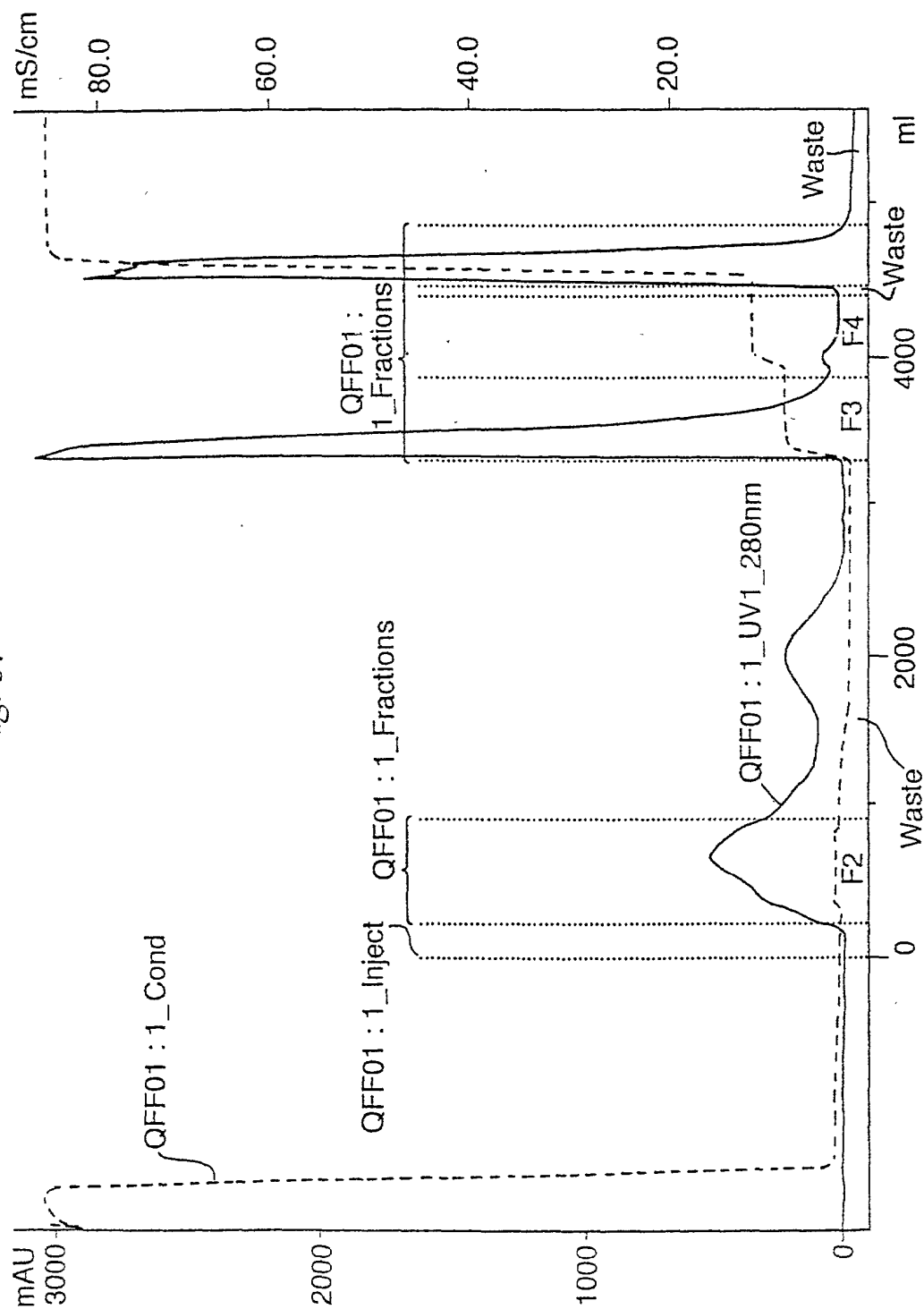




Fig. 6.

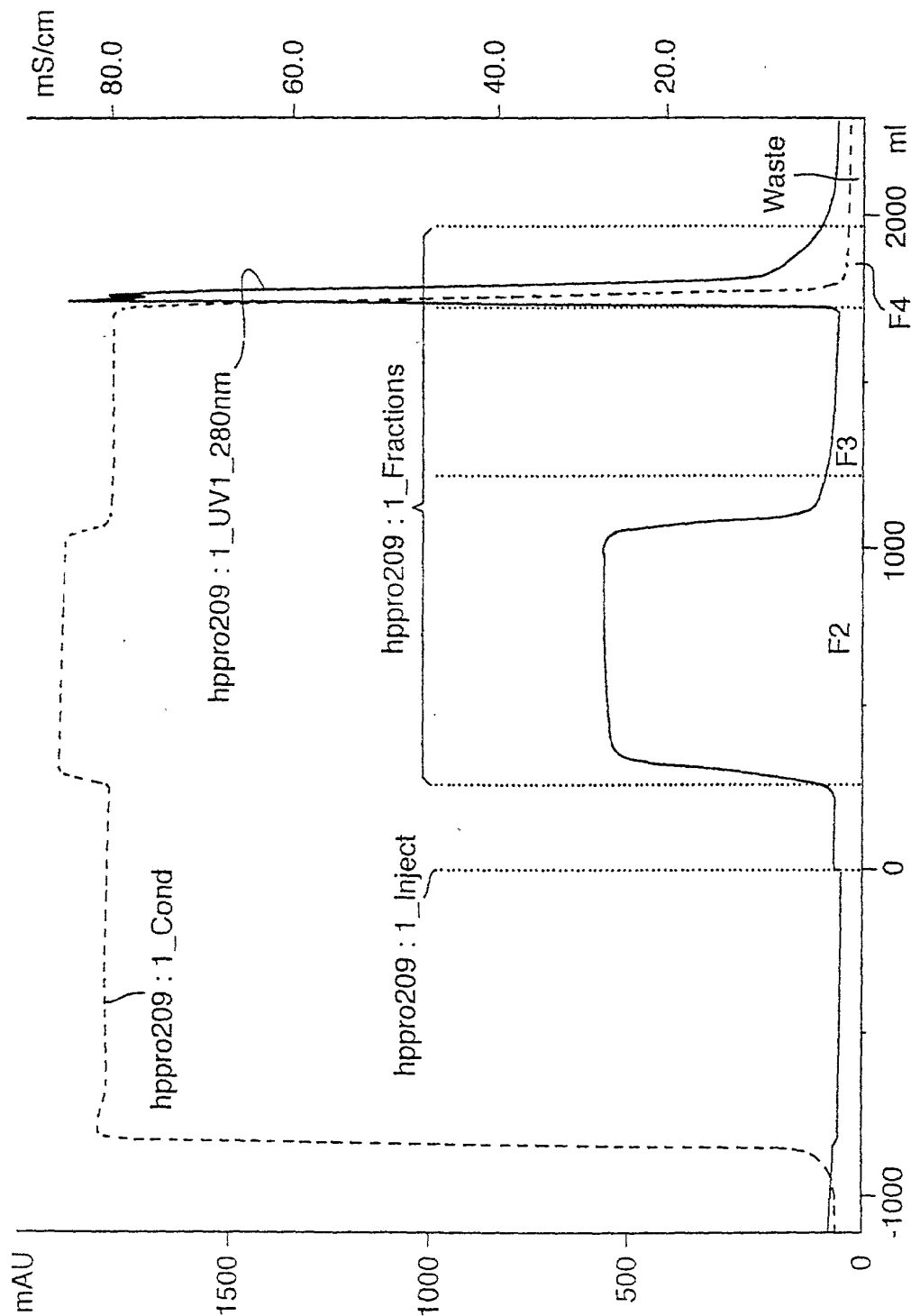


Fig. 7.

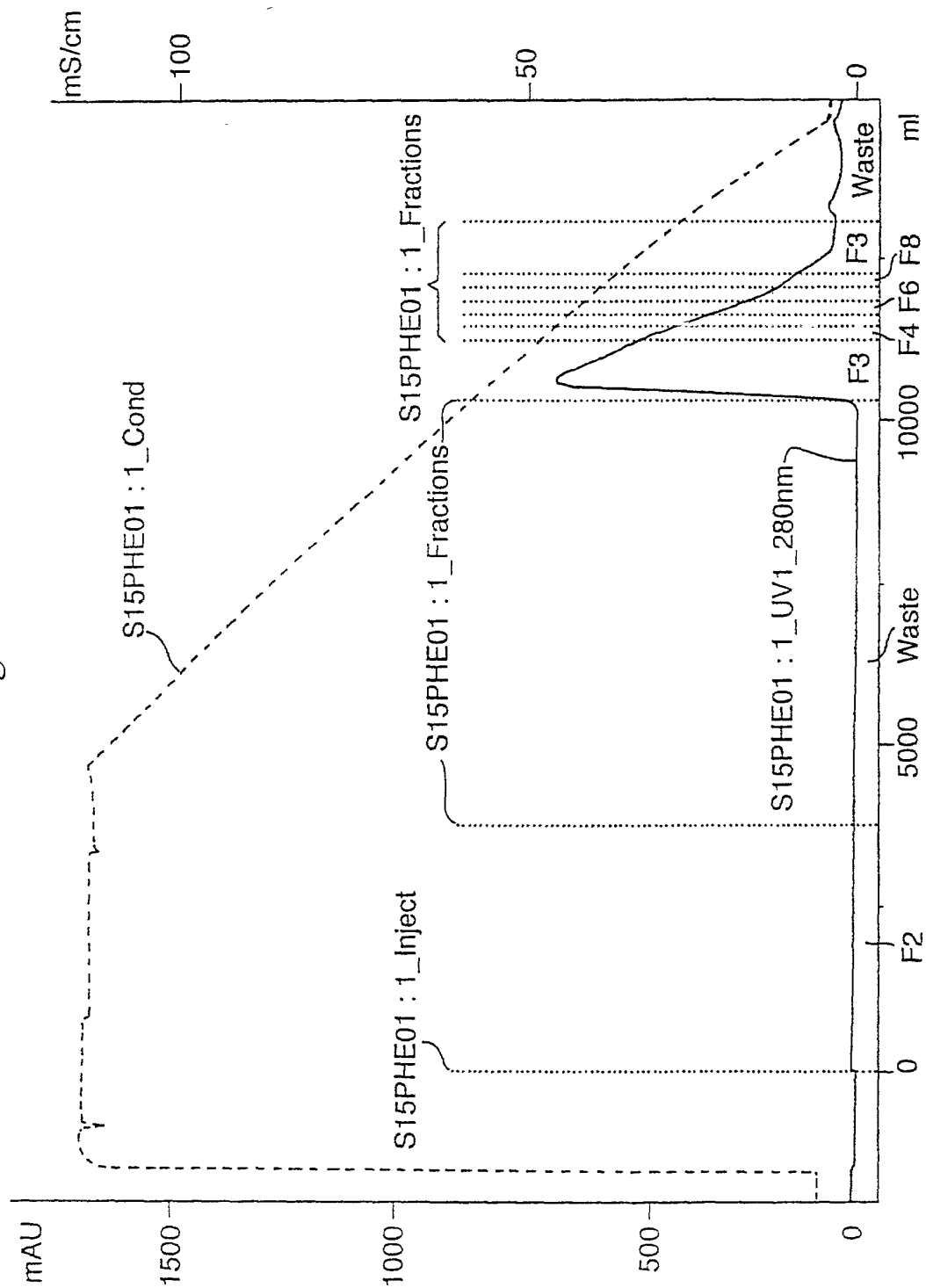


Fig. 8.

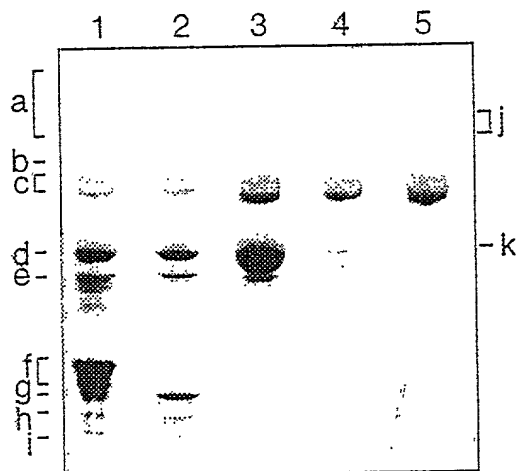


Fig. 9.

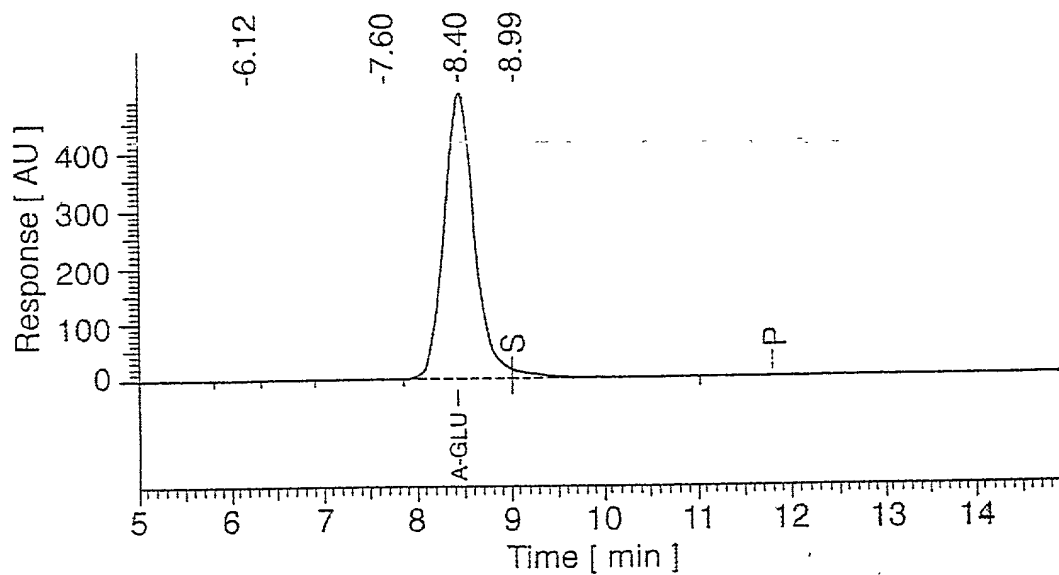


Fig. 10.

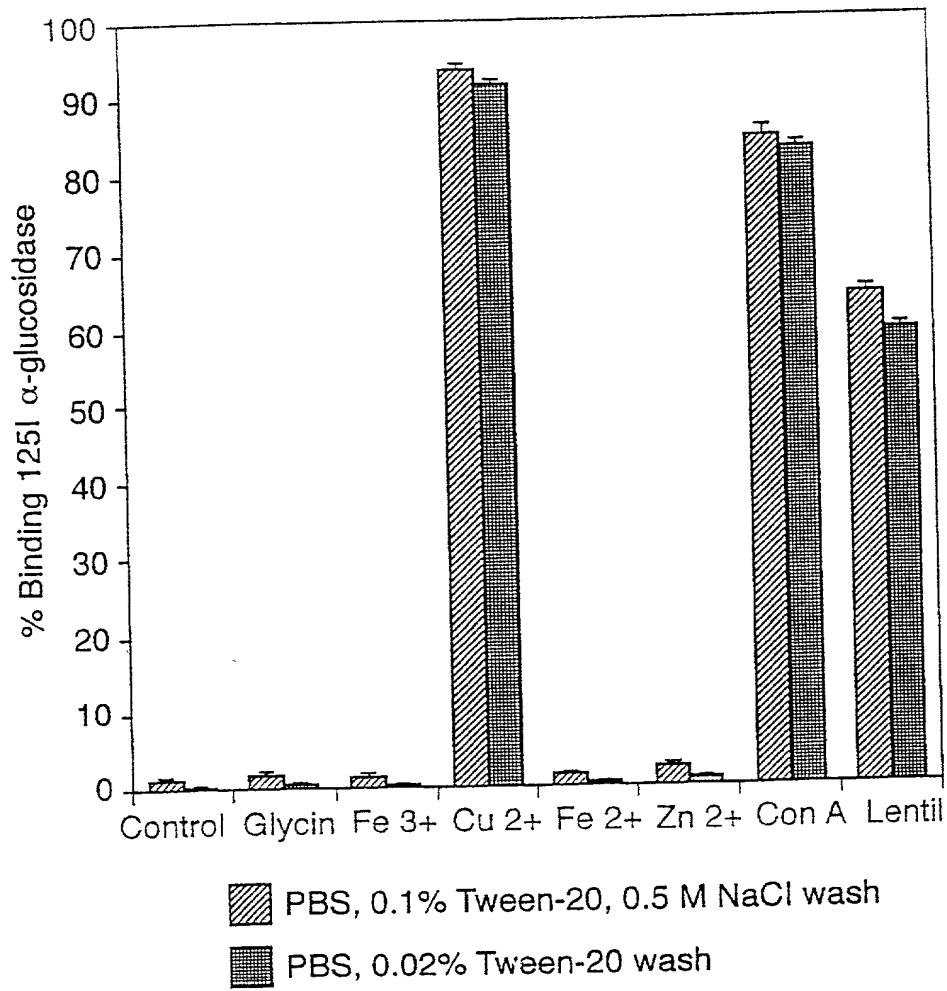


Fig. 11. A.

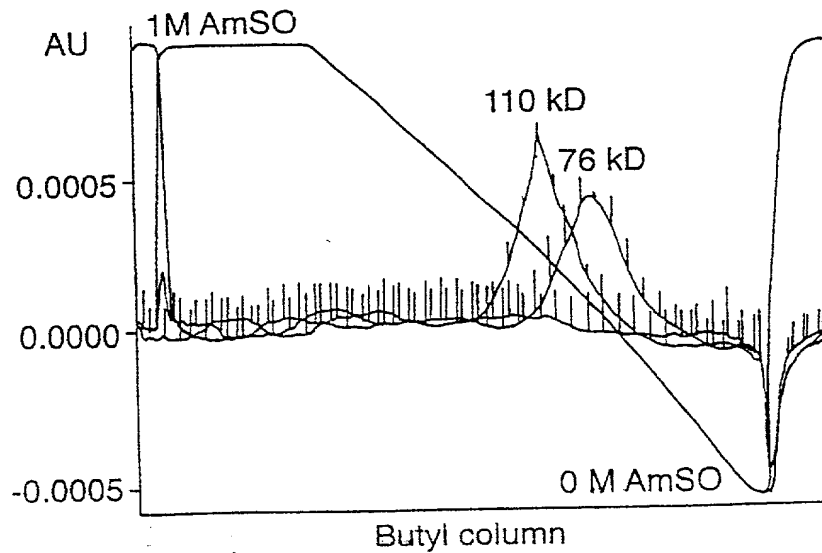


Fig. 11. B.

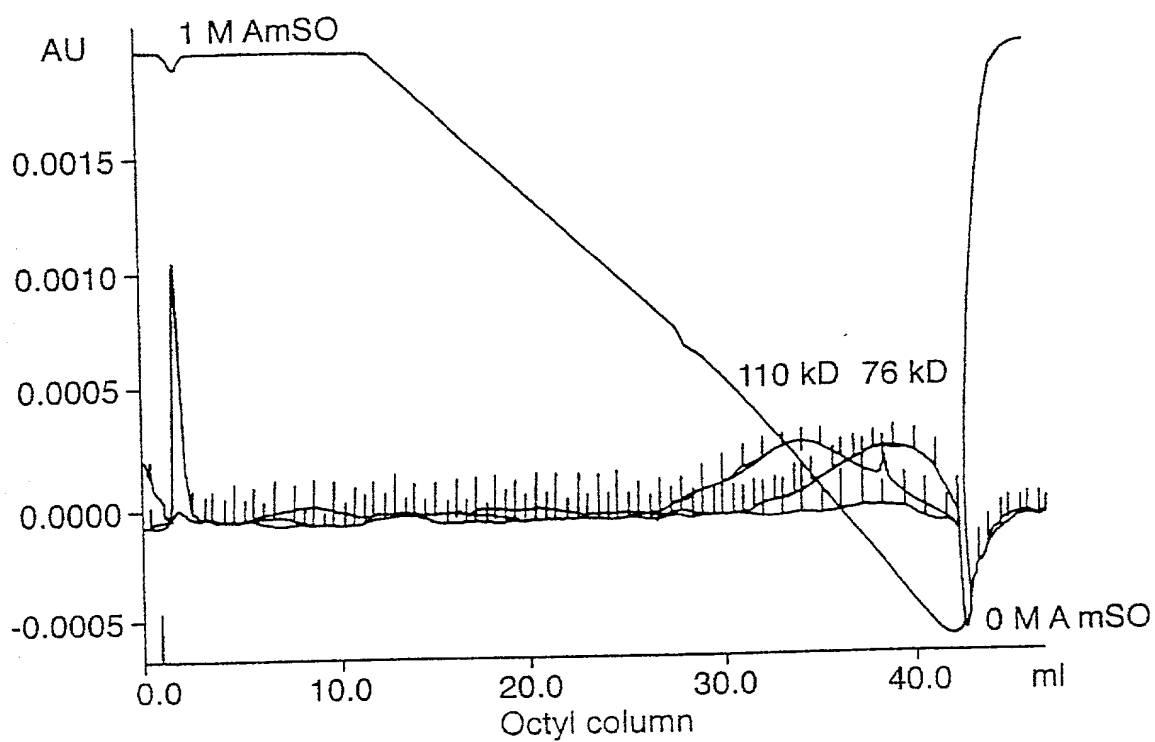


Fig. 11. C.

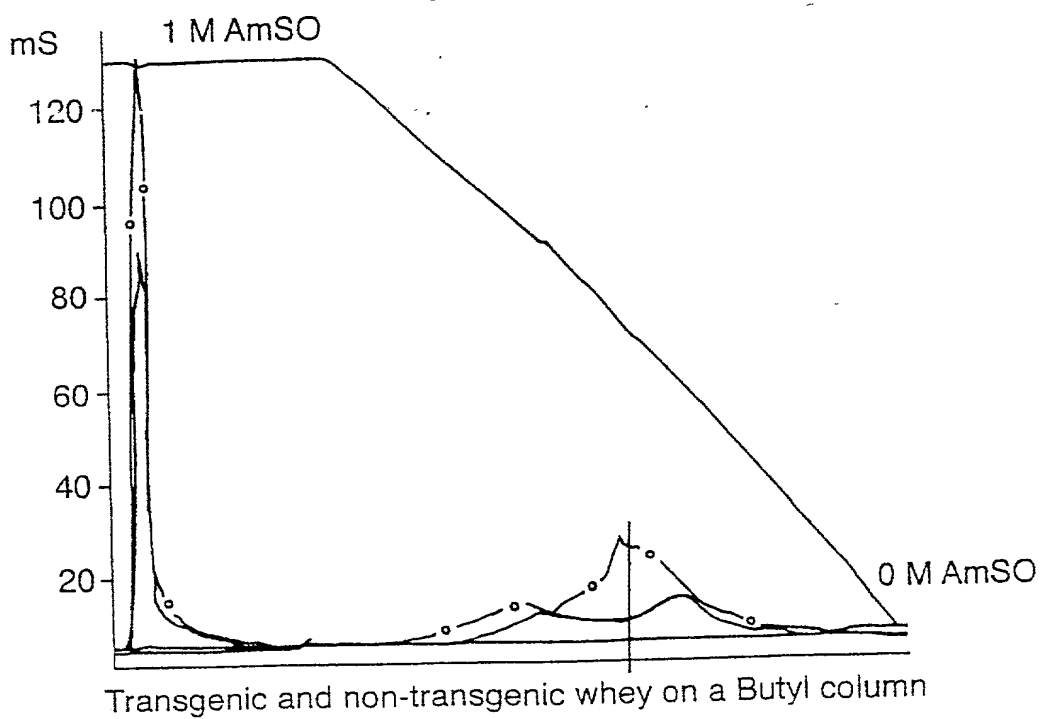
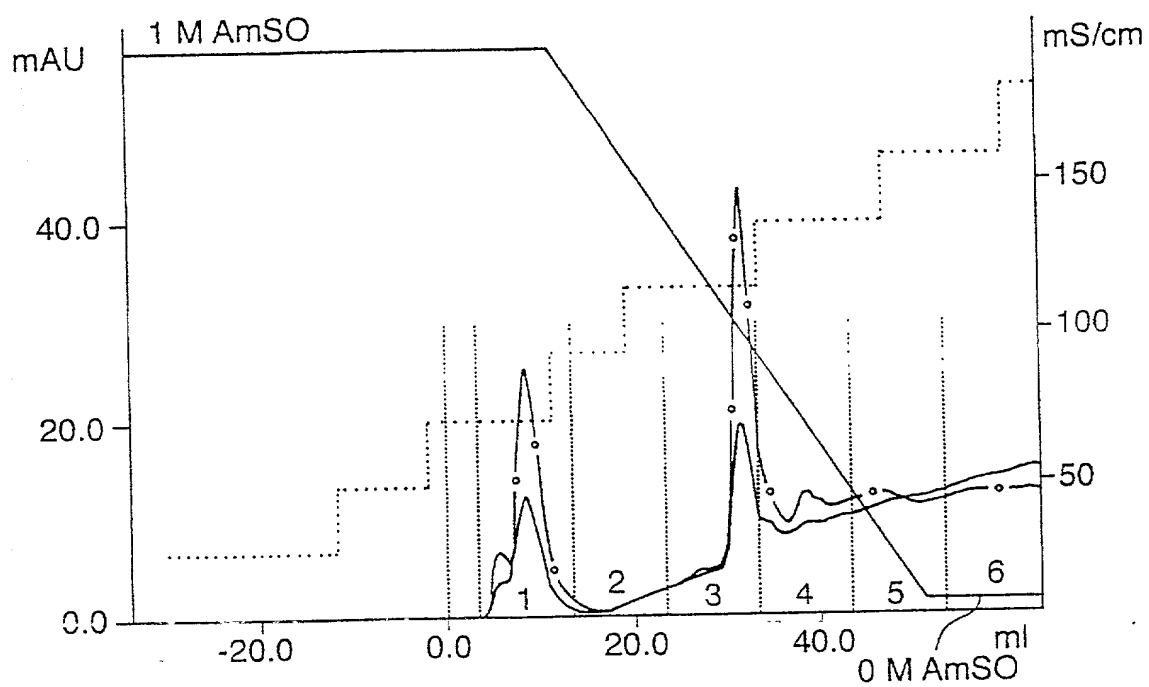


Fig. 11. D.



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Fig. 12.

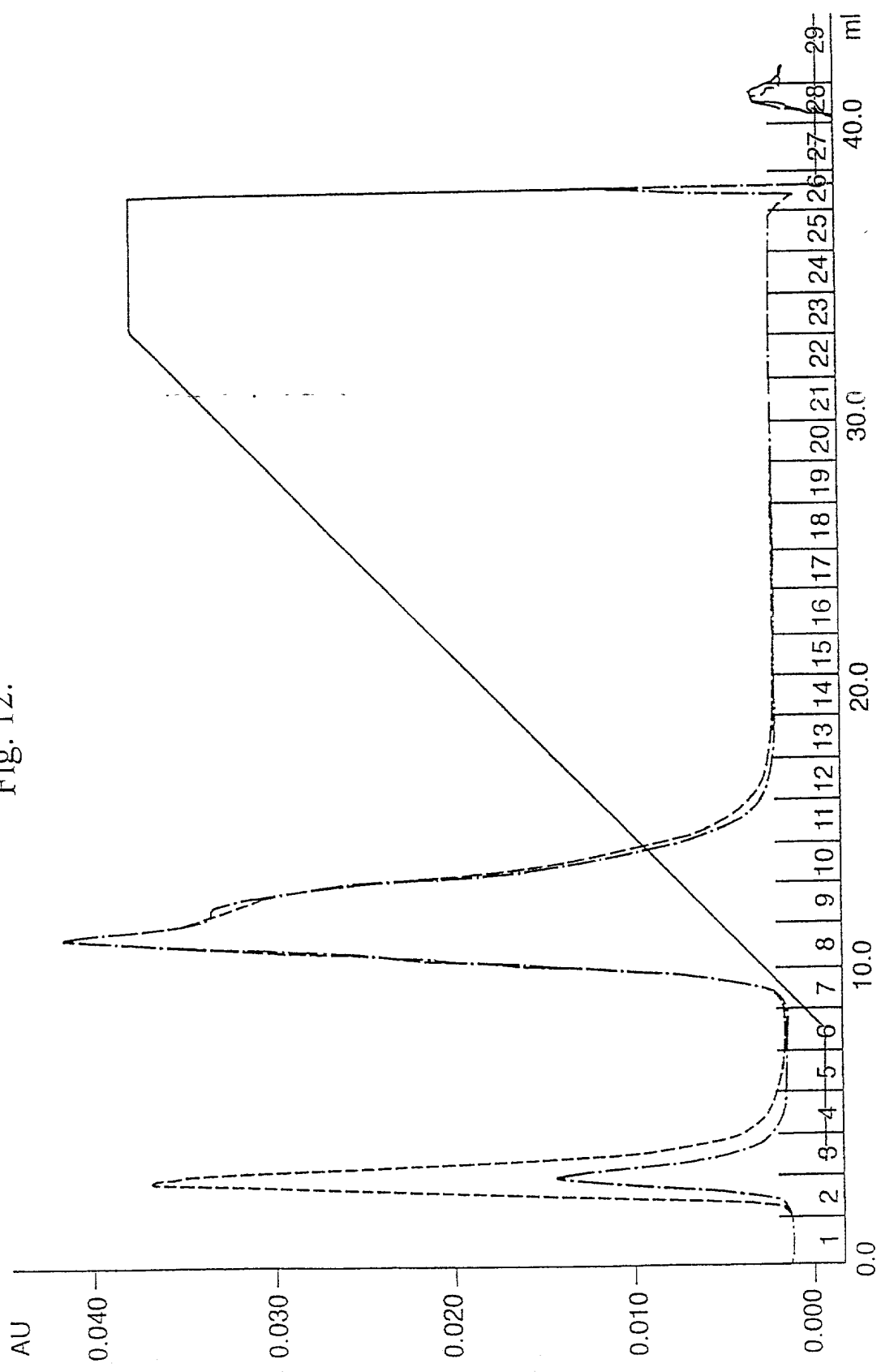


Fig. 13. A.

transgenic whey

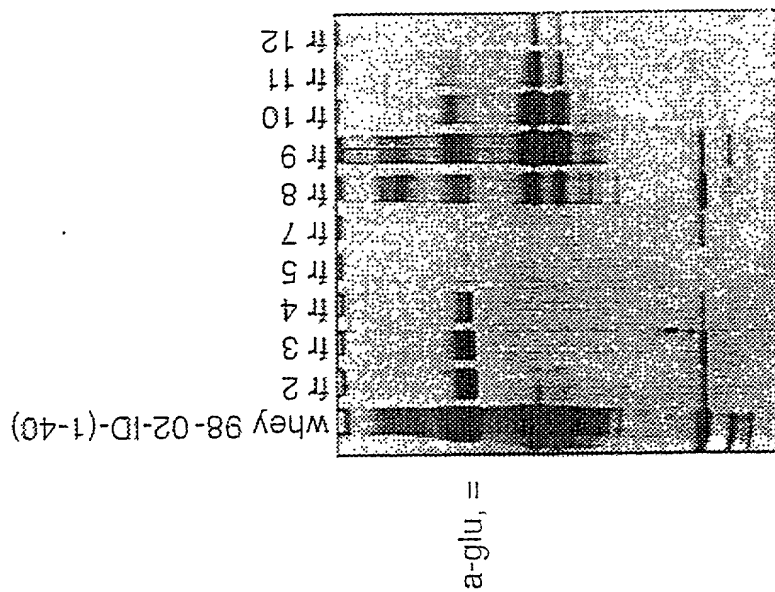


Fig. 13. B.

non-transgenic whey

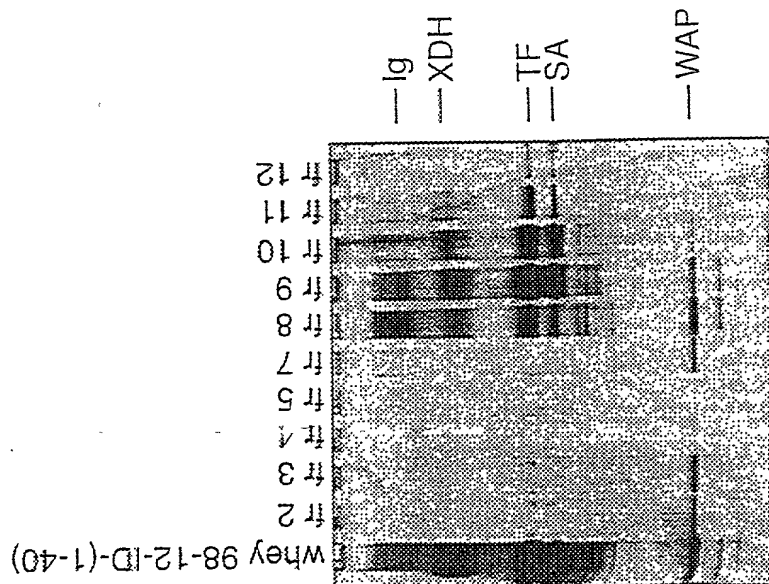
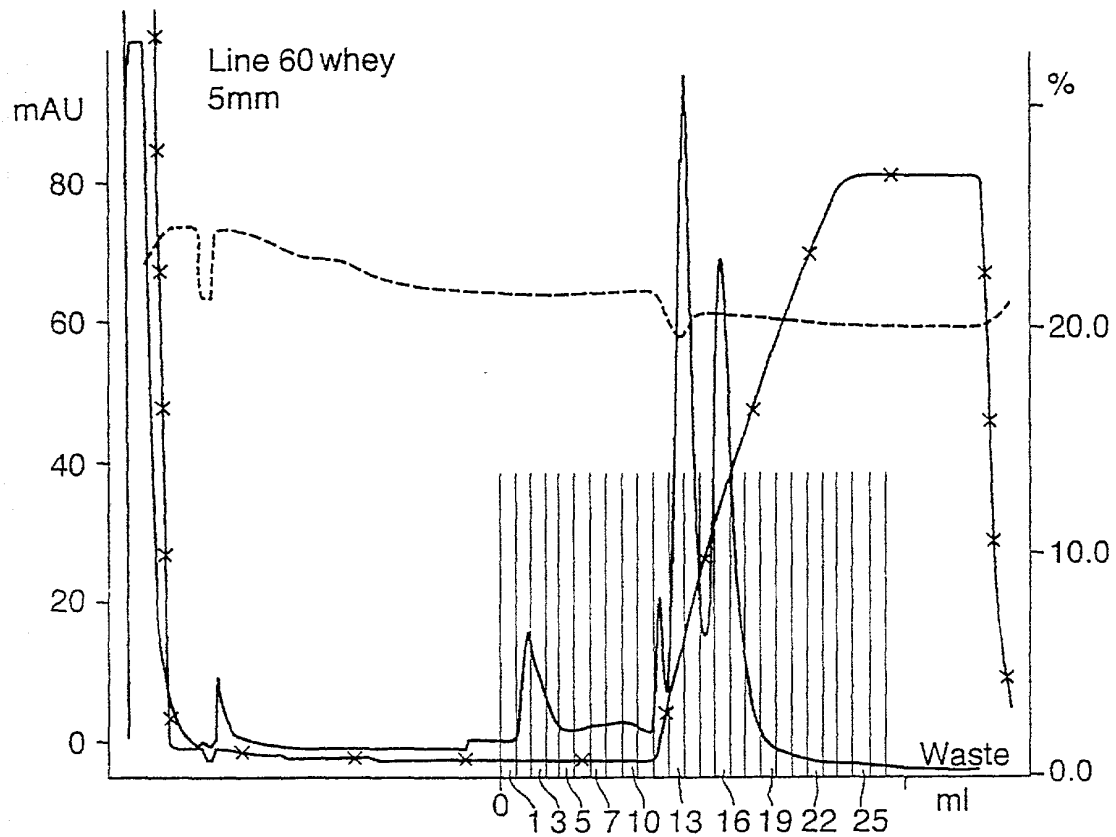


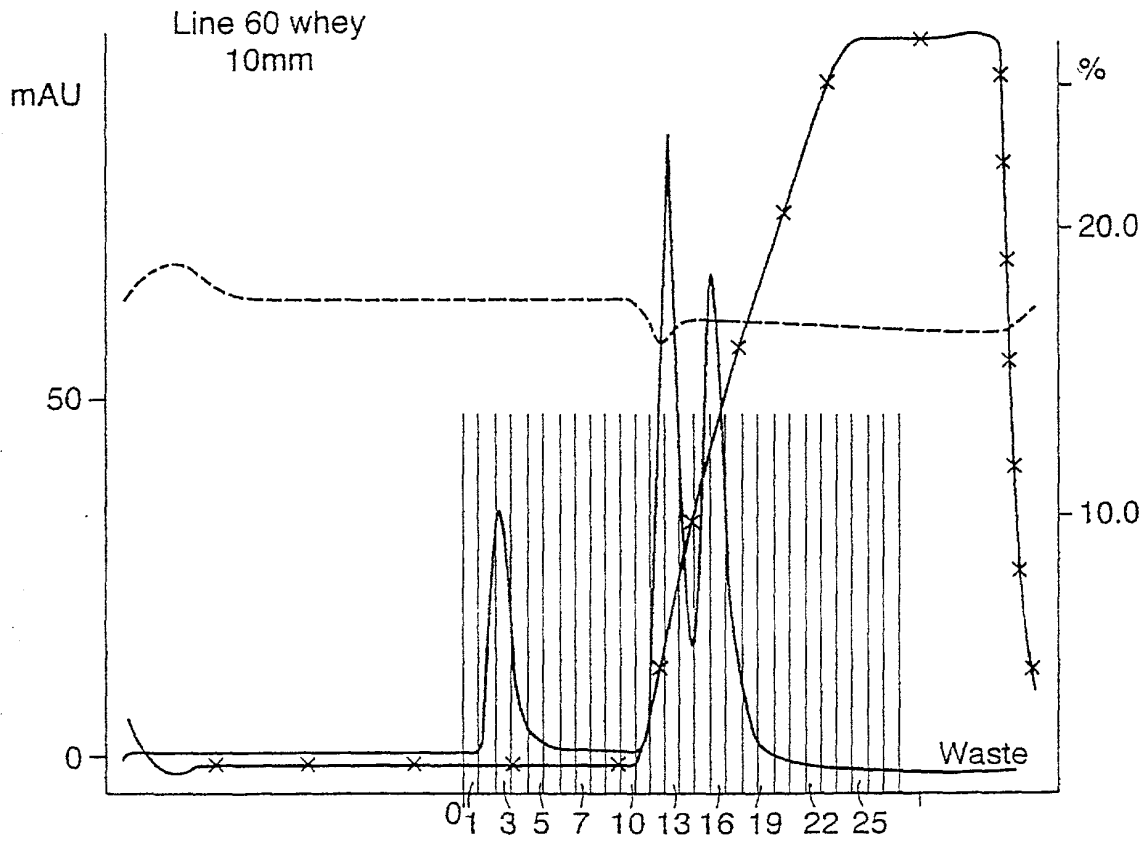


Fig. 14.



————— 12099801:1\_UV1\_280nm  
 - - - - - 12099801:1\_pH  
 - x - x - x 12099801:1\_Cond%  
 12099801:1\_Fractions

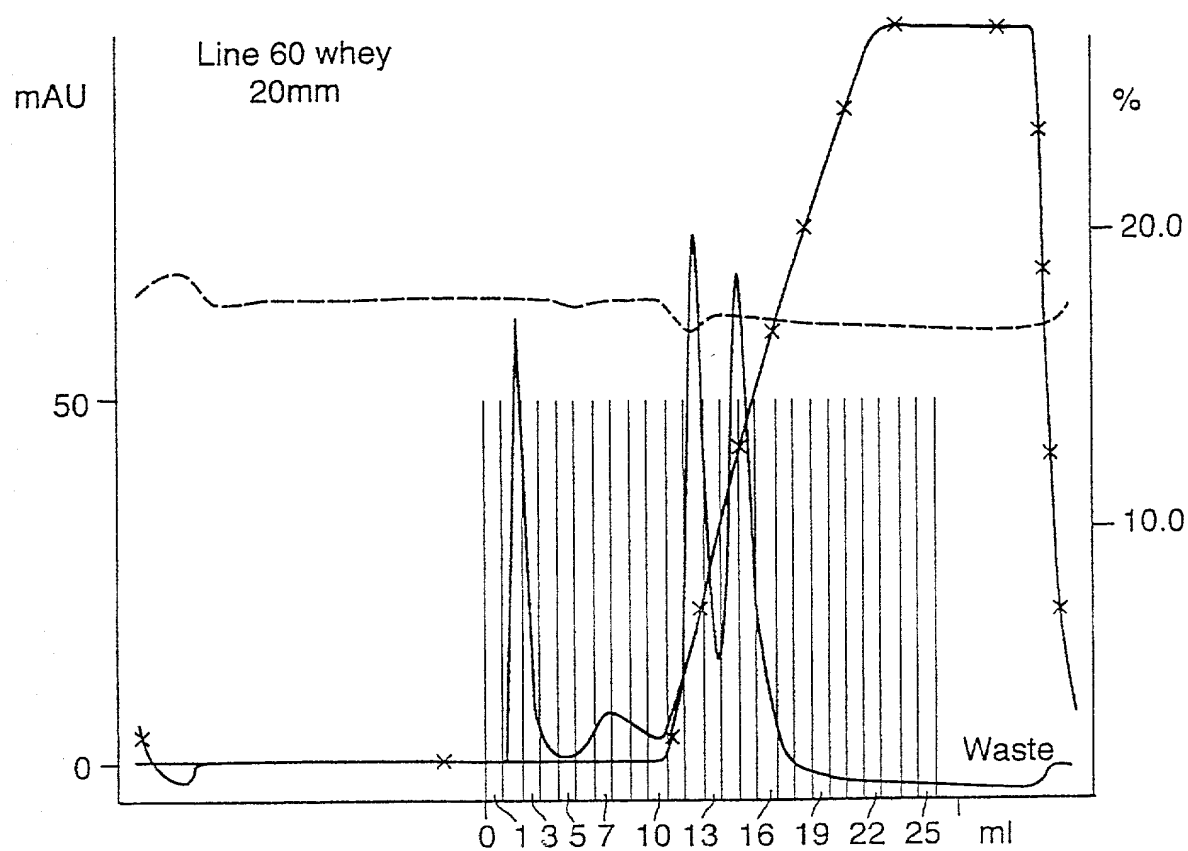
Fig. 15.



—— 12099802:11\_UV1\_280nm  
 ---- 12099802:11\_pH  
 \*-\*-\* 12099802:11\_Cond%

12099802:11\_Fractions

Fig. 16.



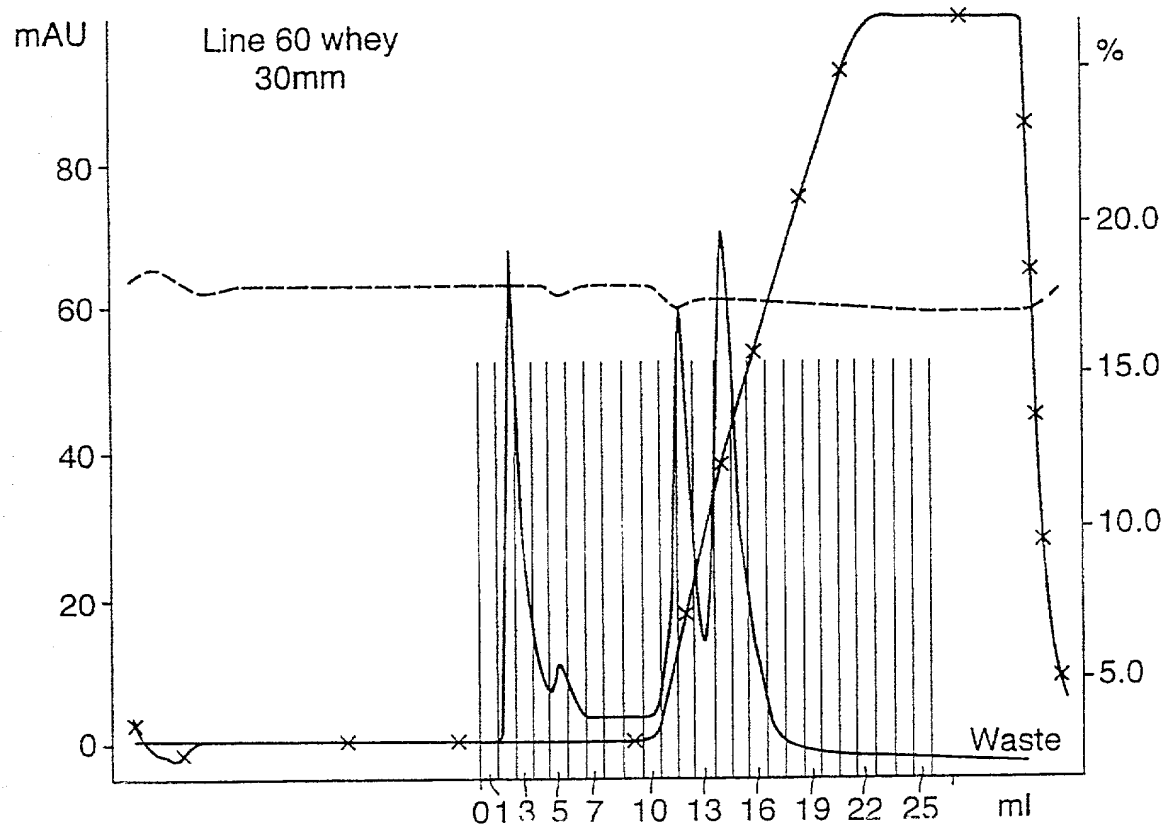
———— 12099803:12\_UV1\_280nm

----- 12099803:12\_pH

-x-x-x- 12099803:12\_Cond%

12099803:12\_Fractions

Fig. 17.



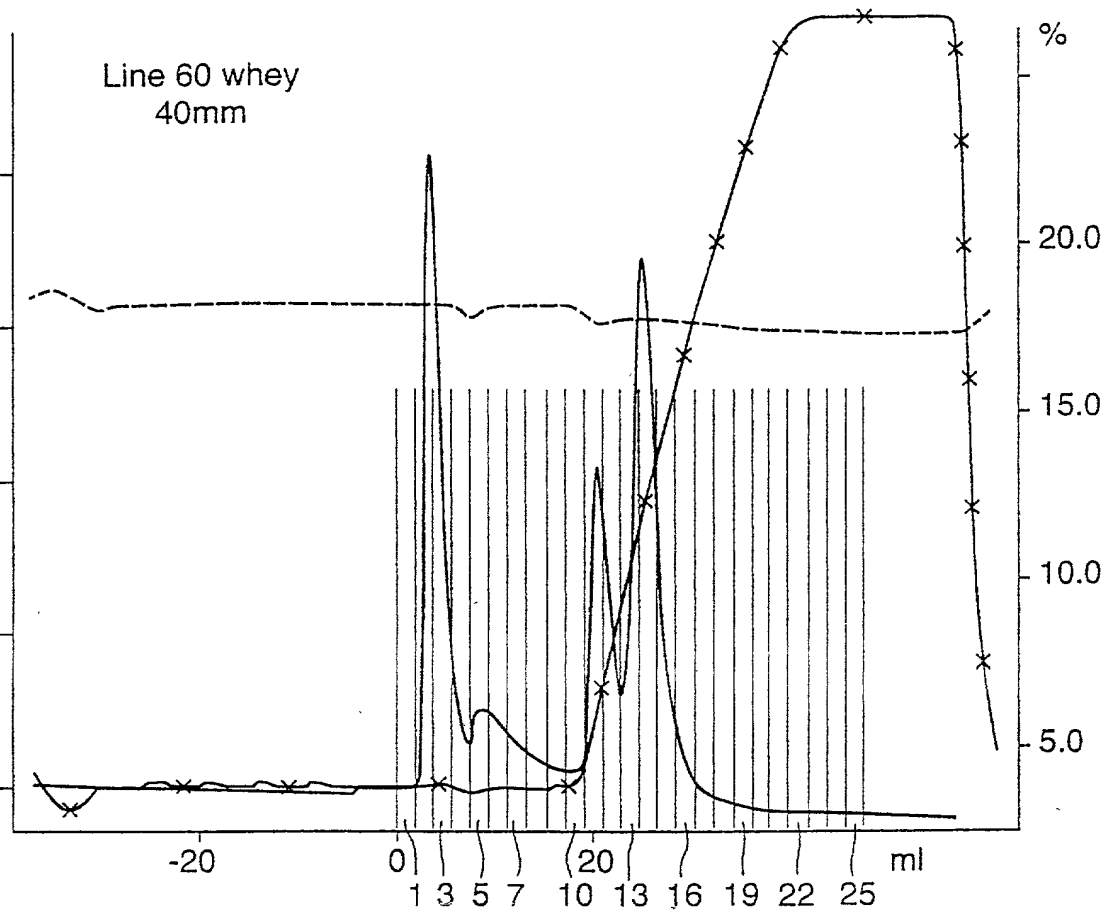
— 12099804:13\_UV1\_280nm

- - - 12099804:13\_pH

x x x 12099804:13\_Cond%

12099804:13\_Fractions

Fig. 18.



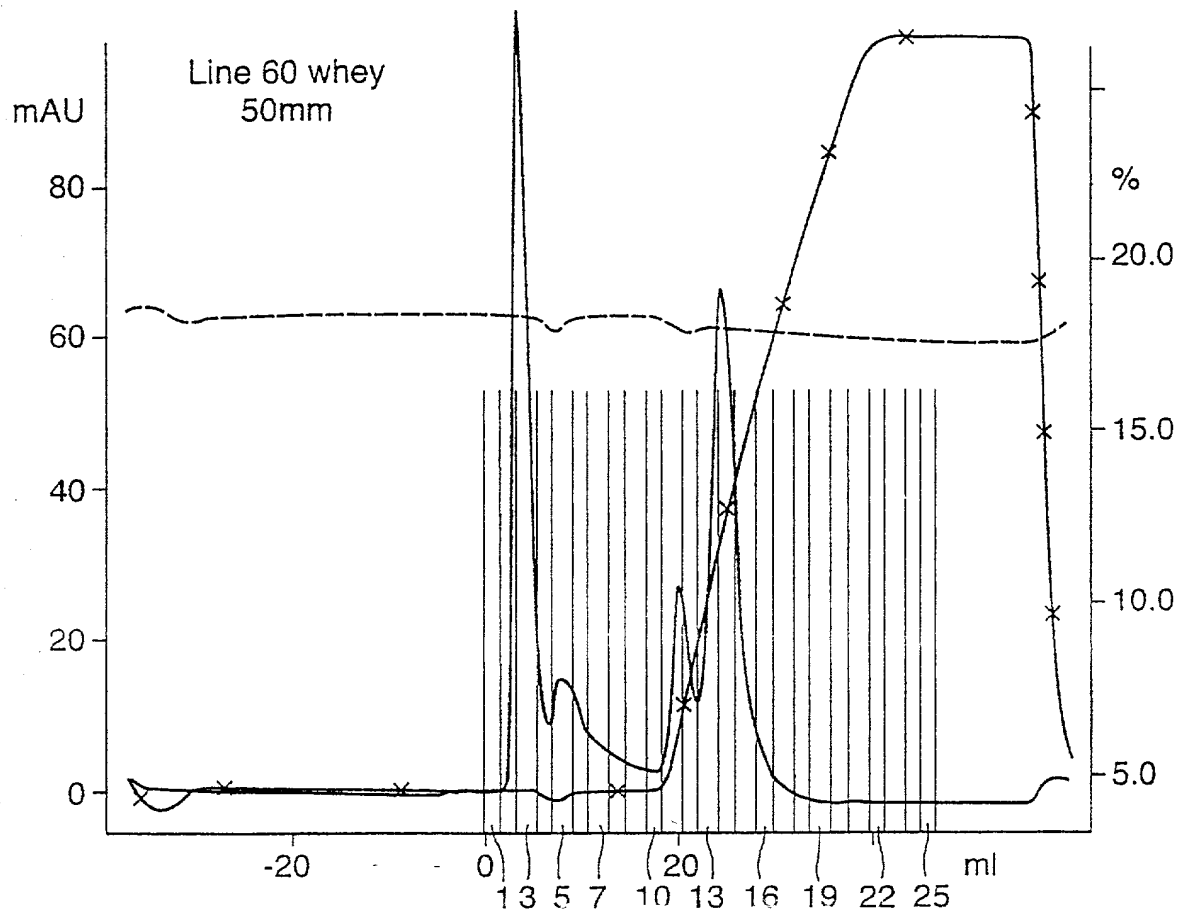
— 121099805:1\_UV1\_280nm

- - - 121099805:1\_pH

- x - x - x 121099805:1\_Cond%

121099805:1\_Fractions

Fig. 19.



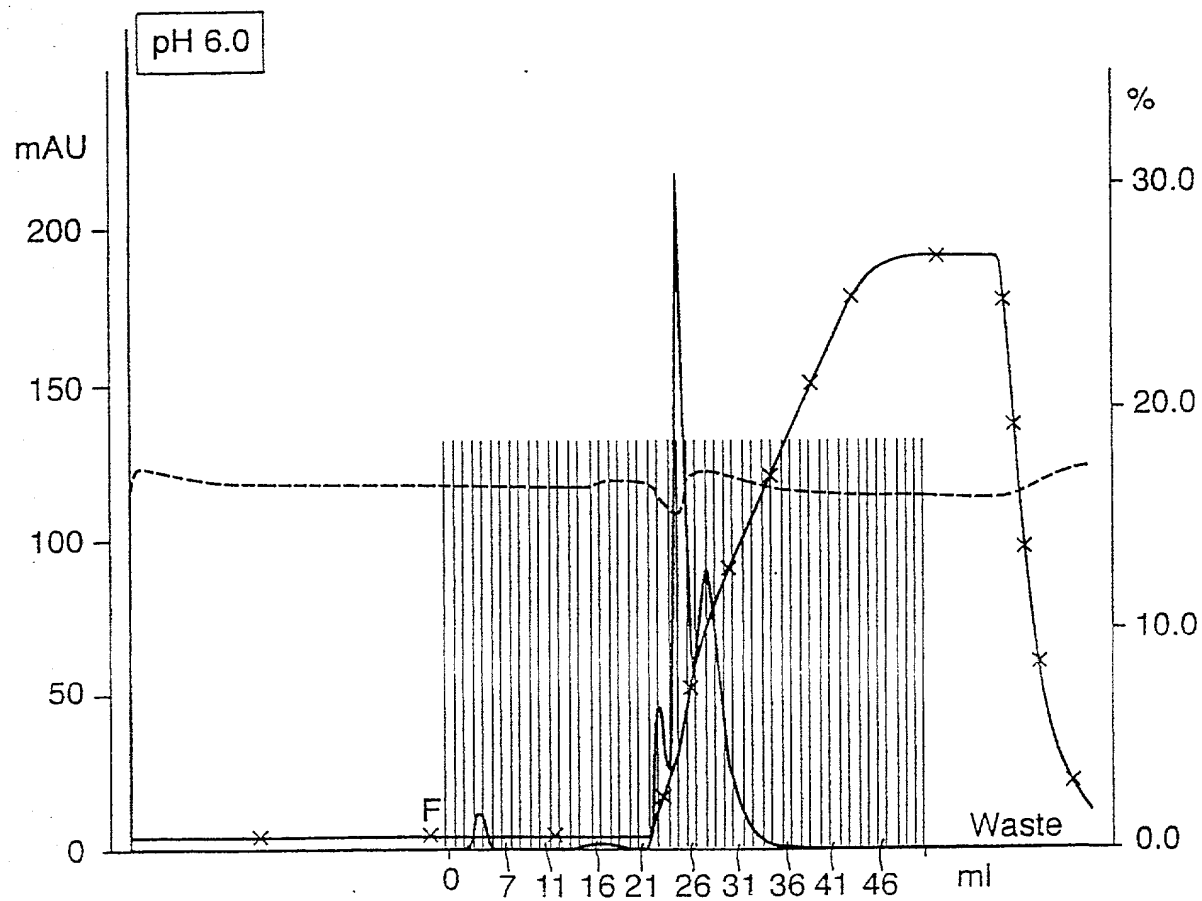
121099806:1\_UV1\_280nm

121099806:1\_pH

121099806:1\_Cond%

121099806:1\_Fractions

Fig. 20.



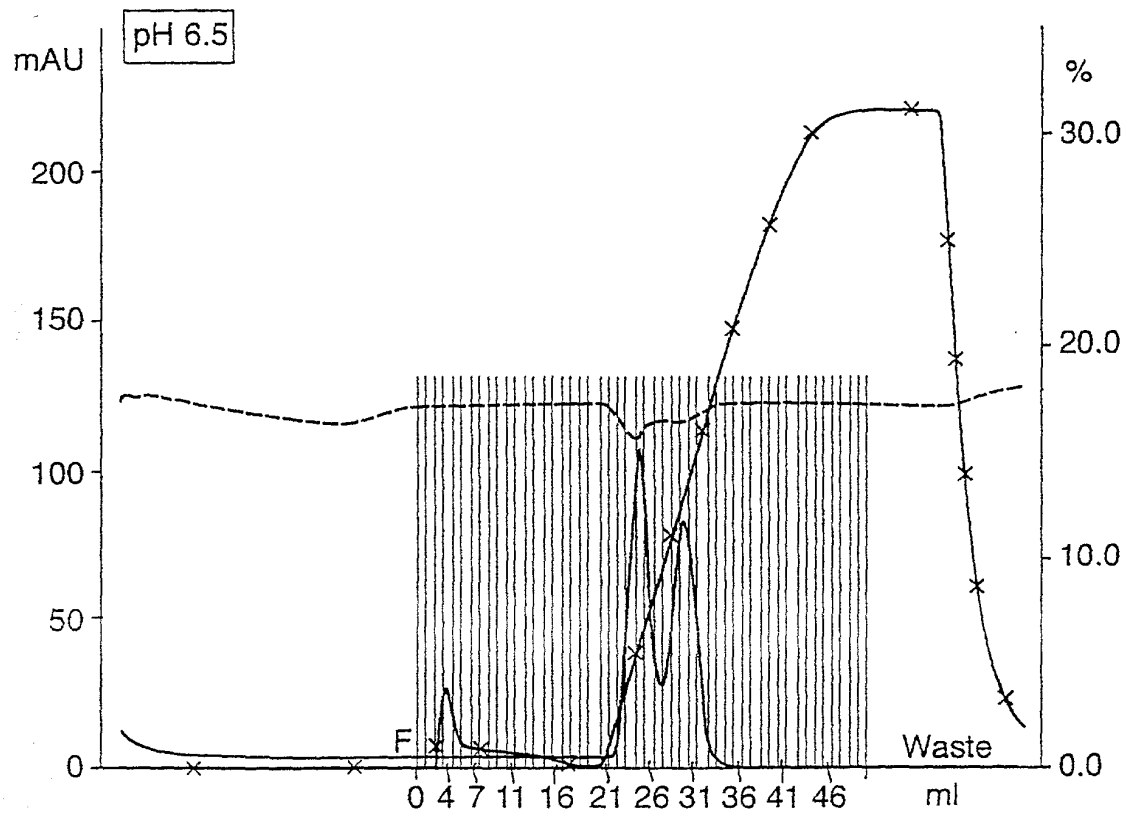
— hatypei01:1\_UV1\_280nm

- - - hatypei01:1\_pH

x x x hatypei01:1\_Cond%

hatypei01:1\_Fractions

Fig. 21.



— hatypei02:11\_UV1\_280nm

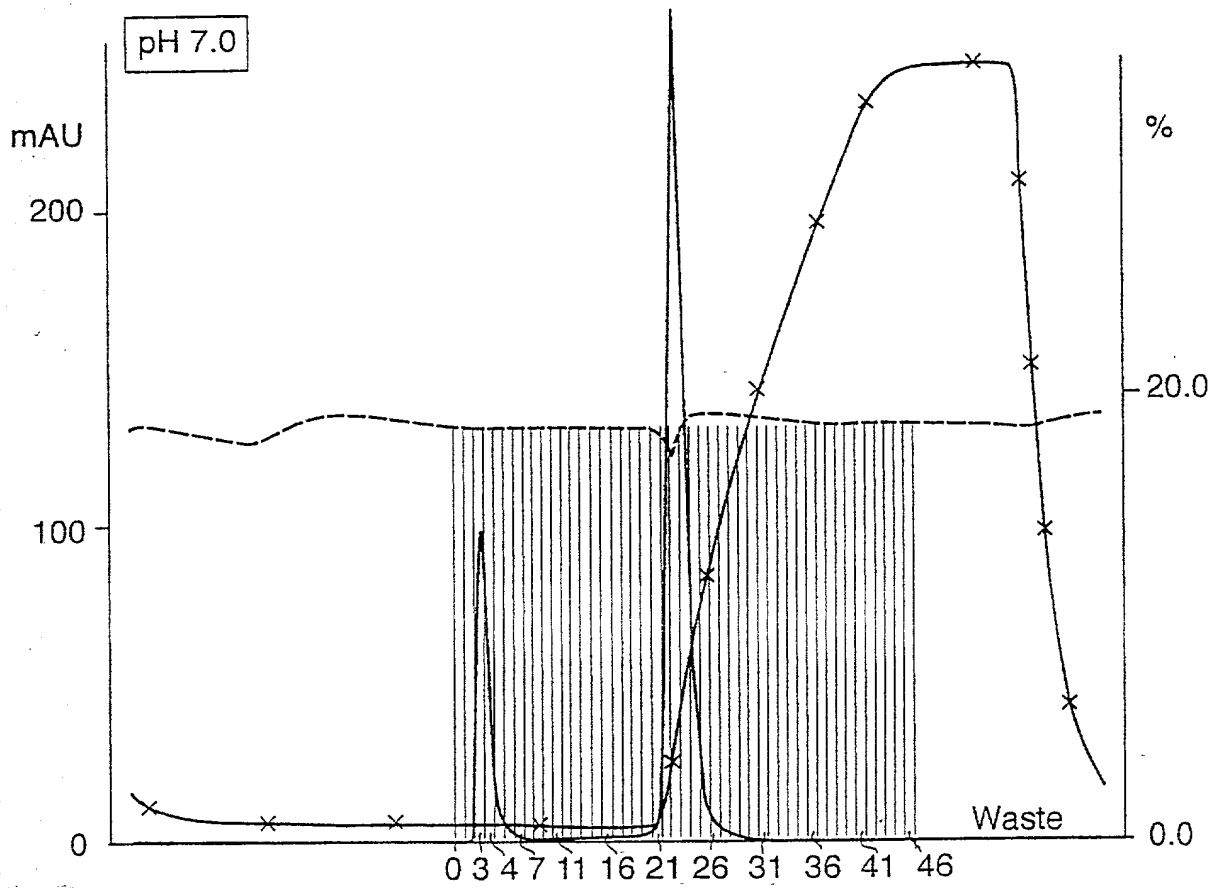
- - - hatypei02:11\_pH

-x-x-x- hatypei02:11\_Cond%

hatypei02:11\_Fractions



Fig. 22.



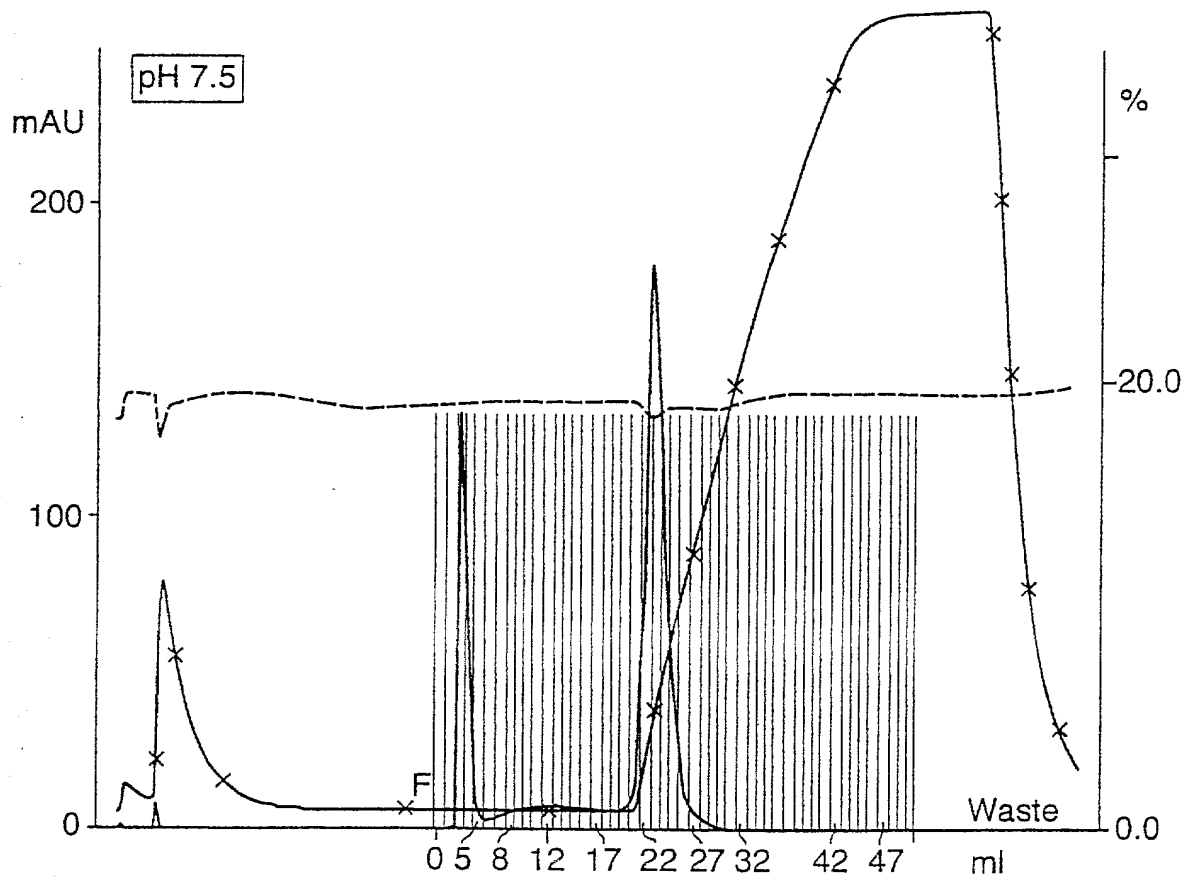
— hatypei03:12\_UV1\_280nm

- - - hatypei03:12\_pH

x x x hatypei03:12\_Cond%

hatypei03:12\_Fractions

Fig. 23.



— hatypei04:13\_UV1\_280nm  
 - - - hatypei04:13\_pH  
 x x x hatypei04:13\_Cond%  
 hatypei04:13\_Fractions

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Fig. 24.

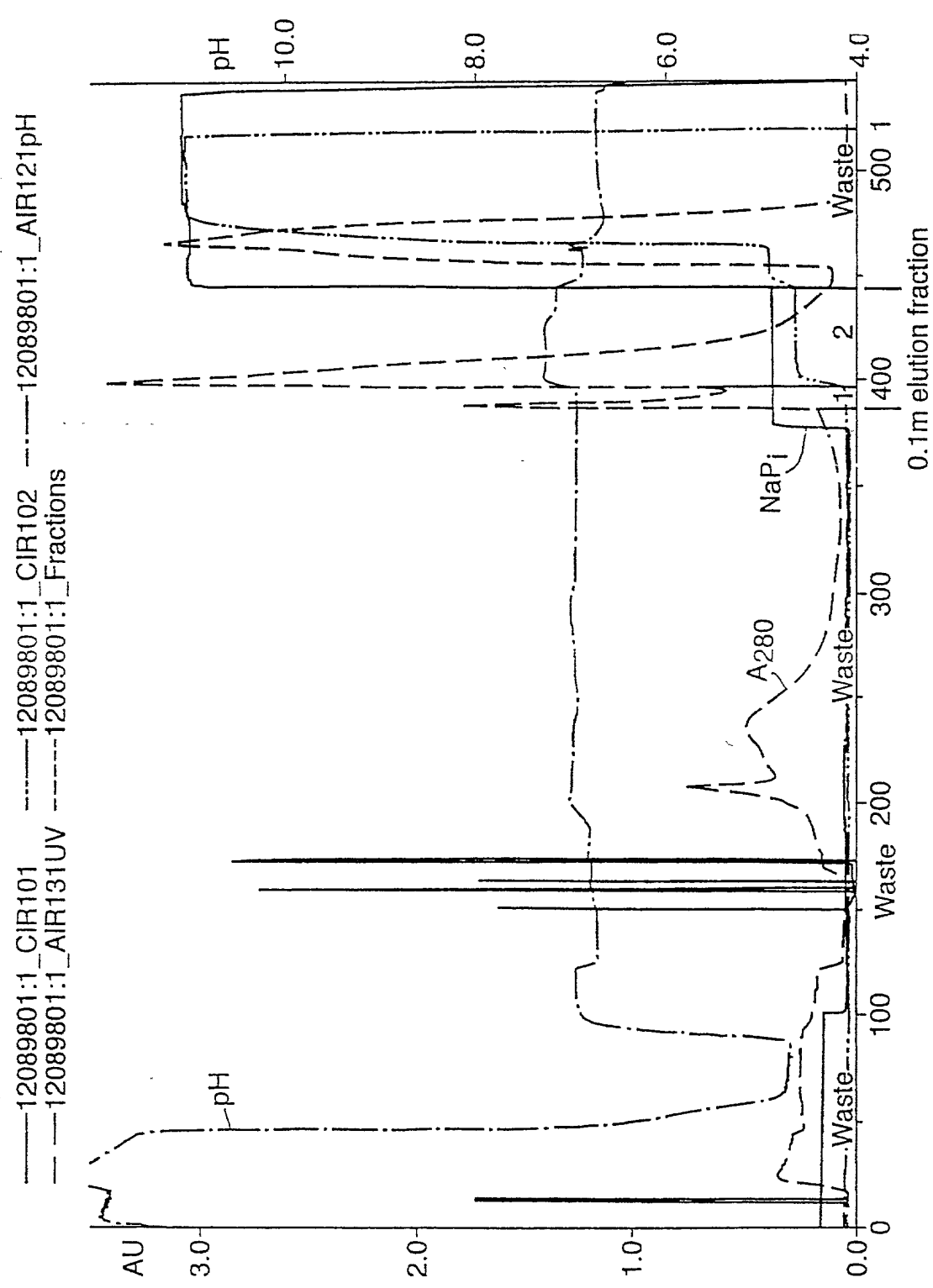


Fig. 25.

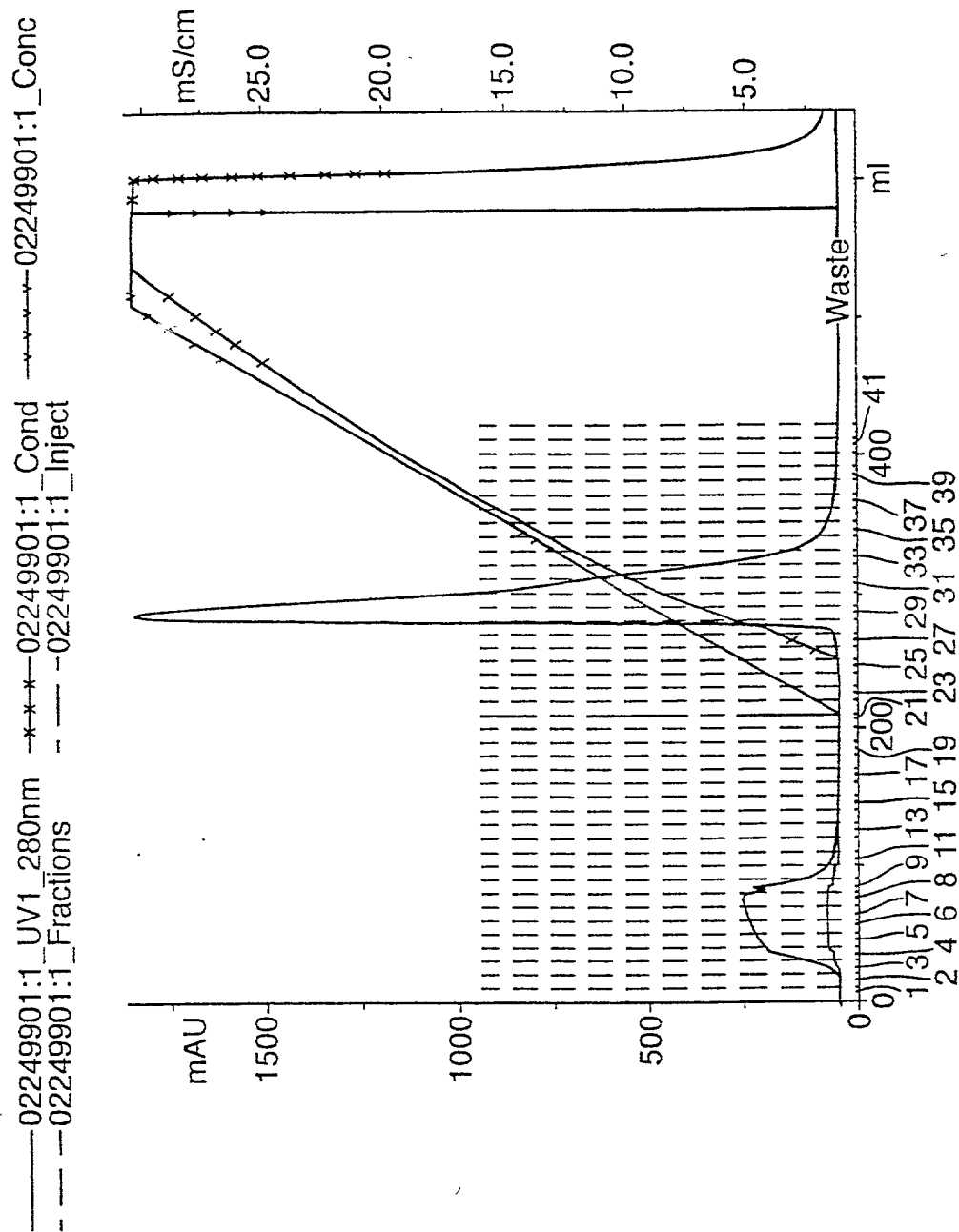


Fig. 26.

XK16/15 80°C  
cHT type I 10mM Napi pH 6.5 ; QFF eluate  
Run 02249901/02259901/02269901

